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INTERNATIONAL SEARCH REPORT

PCT/IB 03/05214

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G09G3/36

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHEDMinimum documentation searched (classification system followed by classification symbols)
IPC 7 G09G

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X A	US 6 232 944 B1 (OKUNO TAKESHI ET AL) 15 May 2001 (2001-05-15) abstract column 1, line 43 -column 2, line 38 column 17, line 52 -column 18, line 21; figures 4,5 column 20, line 5 -column 21, line 32; figures 6,7 column 38, line 31 -column 41, line 54; figures 32-38 ---	1 3-7
A	US 6 421 038 B1 (LEE HYUN CHANG) 16 July 2002 (2002-07-16) abstract column 6, line 8 -column 7, line 64; figure 5 column 7, line 65 -column 9, line 28; figures 6,7 --- -/--	1-7

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.*** Special categories of cited documents:*****A*** document defining the general state of the art which is not considered to be of particular relevance***E*** earlier document but published on or after the international filing date***L*** document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)***O*** document referring to an oral disclosure, use, exhibition or other means***P*** document published prior to the international filing date but later than the priority date claimed***T*** later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention***X*** document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone***Y*** document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.***&*** document member of the same patent family

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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A	<p>US 6 219 018 B1 (MATSUMOTO TOMOHIRO) 17 April 2001 (2001-04-17) column 4, line 61 -column 5, line 6; figure 4 column 6, line 12 -column 6, line 30; figures 1,2</p> <p>-----</p>	1,6,7

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